

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 3, 2003, 12:50:42 ; Search time 72 Seconds

(without alignments)
10989.251 Million cell updates/sec

Title: US-10-047-593-5

Perfect score: 2580

Sequence: 1 gcgccgcgtatcacgactc.....cgctctaggaaagggtcagt 2580

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A, COMB. seq:/*
2: /cgn2_6/ptodata/1/ina/5B, COMB. seq:/*
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5: /cgn2_6/ptodata/1/ina/PC105, COMB. seq:/*
6: /cgn2_6/ptodata/1/ina/backfile1.seq:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	91.8	3.6	7218	1	US-08-232-463-14		Sequence 14, Appl
2	76	2.9	2873	1	US-08-149-655-1		Sequence 1, Appl
3	76	2.9	2873	1	US-08-377-228-1		Sequence 1, Appl
4	64	2.5	2687	1	US-08-49-655-8		Sequence 8, Appl
5	64	2.5	2687	1	US-08-377-228-8		Sequence 8, Appl
6	53.6	2.1	289	4	US-09-007-0517		Sequence 17, Appl
7	53.6	2.1	289	4	US-09-244-796-17		Sequence 17, Appl
8	53	2.1	862	3	US-08-713-599-4		Sequence 4, Appl
9	40.8	1.6	123	4	US-09-007-051-		Sequence 1, Appl
10	40.8	1.6	123	4	US-09-244-796-1		Sequence 1, Appl
11	40.6	1.6	1765	1	US-08-336-778-2		Sequence 2, Appl
12	40.6	1.6	1765	1	US-08-336-778-2		Sequence 3, Appl
13	39.6	1.5	277	4	US-08-244-796-3		Sequence 3, Appl
14	39.4	1.5	2661	1	US-08-351-433-1		Sequence 1, Appl
15	39.4	1.5	2661	2	US-09-025-883-1		Sequence 1, Appl
16	39.4	1.5	53526	3	US-08-658-136-2		Sequence 2, Appl
17	39.4	1.5	53577	3	US-08-658-136-1		Sequence 1, Appl
18	39.4	1.5	87530	3	US-08-781-891-79		Sequence 79, Appl
19	39.4	1.5	87543	4	US-09-791-211-3		Sequence 3, Appl
20	39	1.5	8585	1	US-08-030-0996-3		Sequence 3, Appl
21	38.8	1.5	1567	4	US-09-627-336-3		Sequence 3, Appl
22	38.6	1.5	16442	3	US-08-781-891-208		Sequence 208, Appl
23	38.4	1.5	446	2	US-08-332-766A-26		Sequence 26, Appl
24	38.2	1.5	434	2	US-08-332-766A-10		Sequence 10, Appl
25	38	1.5	1231	1	US-08-314-595-44		Sequence 44, Appl
26	38	1.5	1231	1	US-08-320-882-44		Sequence 44, Appl
27	38	1.5	1231	3	US-08-819-037-44		Sequence 44, Appl

ALIGNMENTS

C	28	38	1.5	1231	4	US-09-045-940-44	Sequence 44, Appl
C	29	38	1.5	1372	4	US-09-133-962A-1	Sequence 1, Appl
C	30	38	1.5	11703	4	US-09-101-886B-3	Sequence 3, Appl
C	31	37.8	1.5	1977	1	US-08-578-709-14	Sequence 14, Appl
C	32	36.8	1.4	248	4	US-09-007-005-32	Sequence 32, Appl
C	33	36.8	1.4	248	4	US-09-241-796-32	Sequence 32, Appl
C	34	36.8	1.4	14187	4	US-09-453-702B-121	Sequence 12, Appl
C	35	36.4	1.4	789	6	5219739-8	Patent No. 5219739
C	36	36.4	1.4	790		519596-8	Patent No. 519596
C	37	36.4	1.4	2750	1	US-08-101-593-1	Sequence 1, Appl
C	38	36.4	1.4	2973	4	US-09-133-962A-15	Sequence 15, Appl
C	39	36.4	1.4	3981	3	US-09-009-979-7	Sequence 7, Appl
C	40	36.4	1.4	3981	4	US-09-460-618-7	Sequence 7, Appl
C	41	36.4	1.4	3981	4	US-09-310-235B-7	Sequence 40, Appl
C	42	36	1.4	14273	4	US-09-961-527-40	Sequence 155, App
C	43	35.8	1.4	309	4	US-09-342-681C-115	Sequence 13, Appl
C	44	35.6	1.4	2338	4	US-08-842-258-13	Sequence 13, Appl
C	45	35.6	1.4	2338	4	US-08-991-571-13	Sequence 13, Appl

RESULT 1
US-08-233-463-14
Sequence 14, Application US/08232463
Patent No. 5670367GENERAL INFORMATION:
APPLICANT: DORNER, P.
APPLICANT: SCHEITLINGER, F.APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLIPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: US/08/232,463APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300 6FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
TELEFAX: (703) 683-4109
TELEX: 899149INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs

REFERENCE/DOCKET NUMBER: 30472/114 IMMU

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

CLONE: PTZGPT-F16

US-08-233-463-14

Query Match 3.6%; Score 91.8; DB 1; Length 7218;

Best Local Similarity 3.4%; Pred. No. 3.7e-16; Mismatches 105; Indels 0; Gaps 0;

Matches 12; Conservative 238; Misnmatches 105; Indels 0; Gaps 0;

Organism: Zea mays
Strain: Line W22
Tissue Type: Pollen

Query Match 2.9%; Score 76; DB 1; Length 172;保守性 61.4%; 预测数 8.3e-12; 错配数 105; 空缺数 0; 匹配数 172; 错配率 1.7/2; 保守性 0; 错配数 105; 空缺数 0; US-08-149-695-1

Best Local Similarity 61.4%; Pred. No. 8.3e-12; Mismatches 105; Indels 0; Gaps 0; Matches 172; Conservative 0; Misnmatches 105; Indels 0; Gaps 0; US-08-149-695-1

2142 GATTTTTACTGTTTATCTTCAGGTTTCAGGTTTCCTCAATTCGGCCAAATCTGAGATTCGTG 2141
Db 1044 TCGAGGTCGAGGGAGCTGCATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1103
Db 1104 YYY 1163
Db 2202 TGTGCGAGTCGTCGTCCTGATCCACTCTTCCCCATCCCTACTCCTACTTCC 2261
Db 1164 YYY 1223
Db 2262 AGGCAACTGCGTTCCCGCGACTCTCTTCACGATCCGGACCCCTACCGCTCT 2321
Db 1224 YYY 1283
Db 2322 CAGTCAGTCCCTGCCCTCCAGCACGGCCACATACTCTACGTTATCCCTGTAGCT 2381
Db 1284 YYY 1343
Db 2382 ACTATGTCGCCCTCTGATCCCTTTCATGTCGAGTTAGCCACGCC 2436
Db 1344 YYY 1398

RESULT 2
US-08-149-695-1
; Sequence 1, Application US/08149695
; Patent No. 5412085
; GENERAL INFORMATION:
; APPLICANT: Alien, Rebecca L.
; TITLE OF INVENTION: A Pollen-Specific Promoter From Maize
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held and Malloy
; STREET: 500 W. Madison, 34th Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: U.S.A.
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/149, 695
; FILING DATE: 09-NOV-1993
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/911, 532
; FILING DATE: 09-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pochopien, Donald J.
; REGISTRATION NUMBER: 32167
; REFERENCE/DOCKET NUMBER: 92 P139
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)707-8889
; TELEFAX: (312)707-9155
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2073 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:

RESULT 3
US-08-377-228-1
; Sequence 1, Application US/08377228
; Patent No. 554556
; GENERAL INFORMATION:
; APPLICANT: LONSDALE, Rebecca L.
; TITLE OF INVENTION: A Pollen-Specific Promoter From
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/377, 228
; FILING DATE: 24-JAN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/149, 695
; FILING DATE: 09-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/911, 532
; FILING DATE: 09-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29, 768
; REFERENCE/DOCKET NUMBER: 33229/290/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-3300
; TELEFAX: (202)672-5399
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2873 base pairs
; TYPE: nucleic acid

STRANDEDNESS: double
TOPOLogy: linear
US-08-377-228-1

Query Match 2.9%; Score 76; DB 1; Length 2873;
Best Local Similarity 61.4%; Pred. No. 8.3e-12;
Matches 172; Conservative 0; Mismatches 105; Indels 3; Gaps 3;

Qy 769 GGCTCTTGAGGGCGCTGGCTGGACGGACATGATGTTGGCCAAATCA 828
Db 129 GTCCTGGTGCACGGACACTGTGCTGGCATACAGACAGTCGGTGCAGTCAG 188

Qy 829 GCACACTCAAGCCTTGCTTGCACATTTATGGTGCCTAAGTGGATTCTTTGGT 888
Db 189 GCACCTTGGTCTCTTCCTTGCTTGACCTTAACCTGATCGTTATGGT 248

Qy 889 TGTGTGACCC-TTATGACCTGAGATAATCACATCTAG-CCAATCTAGTACAG 946
Db 249 TGTGTGACCC-TTATGACCTGAGATAATCACATCTAG-CCAATCTAGTACAG 308

Qy 947 TGTGTGACCC-TTATGACCTGAGATAATCACATCTAG-CCAATCTAGTACAG 1006
Db 309 CATTGTTGCTGACATCAACCAACATTATTAATAGGAAAGGTAAACCTTTC 368

Qy 1007 CCTTC-ACCAACTCTATAGCTGAGACCTCACA 1045
Db 369 CCTTCATCTCCCTTGGATGATGCCAACACA 408

RESULT 4
US-08-149-695-8

Sequence 8 Application US/08149695
Patent No. 5412085

GENERAL INFORMATION:
APPLICANT: Lonsdale, David M.
TITLE OF INVENTION: A Pollen-Specific Promoter From Maize
NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held and Malloy
STREET: 500 W. Madison, 34th Floor
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60661

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/149,695
FILING DATE: 800
CLASSIFICATION: 800
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/07/911,532
FILING DATE: 09-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pochopien, Donald J.
REGISTRATION NUMBER: 32167
REFERENCE/DOCKET NUMBER: 92 P139
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)707-8869
TELEFAX: (312)707-9155
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 2687 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

RESULT 5
US-08-377-228-9

Sequence 8 Application US/08377228
Patent No. 5545546

GENERAL INFORMATION:
APPLICANT: ALLEN, Rebecca L.
APPLICANT: LONSDALE, David M.
TITLE OF INVENTION: A Pollen-Specific Promoter From Maize
NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/377,228
FILING DATE: 24-JAN-1995
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/149,695
FILING DATE: 09-NOV-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/911,532
FILING DATE: 09-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/290/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEK: 904136
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 2687 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-377-228-8


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RESULT 11
US-08-336-778-2
; Sequence 2, Application US/08336778
; Patent No. 5635618
; GENERAL INFORMATION:
; APPLICANT: Capellades, Montserrat
; APPLICANT: DeRose, Richard
; APPLICANT: Montoliu, Luis
; APPLICANT: Ruigomenech, Pedro
; APPLICANT: Torres, Miguel
; APPLICANT: Uribe, Javier
; APPLICANT: Rigu, Juan
; TITLE OF INVENTION: PROMOTER ELEMENTS OF CHIMERIC GENES
; NUMBER OF SEQUENCES: 4
; NUMBER OF SEQ ID NOS: 33
; TITLE OF INVENTION: PROMOTER ELEMENTS OF CHIMERIC GENES
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,778
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: DiGilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 9487
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1765 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: Linear (genomic)
; MOLECULE TYPE: DNA (genomic)
; US-08-336-778-2

Query Match 1.5%; Score 39.6; DB 4; Length 277;
Best Local Similarity 21.5%; Pred. No. 0; Mismatches 106; Indels 1; Gaps 1;
Matches 56; Conservative 97; Mismatches 106; Indels 1; Gaps 1;
QY 2135 TTCTGGATTTTACTGTATTCTATTCCTCCGGCGCCTCTAGTCATTC 2194
Db 264 TTTTTTTTTTTTATGCCGCGCAGCTTCTCAGATGGACCTTCTCC 2254
QY 2195 TCCTCTCGTGTGAGTCGTCGTCGTCCTCTCGATCCACTTCTCCCGATCTCC 2254
Db 204 TYCYCAYCYTYTYGTYGTYGTYTYCYGTYCYGTYCYGTYCYGTY 145
QY 2255 ACTT-TCCACGCAACTGCCTTCCCCGACTCTCTCACGATTCGTTGACCC 2313
Db 144 TYTYCAYCYGTYGTYCAYGTYCCTTYCYTYCYA 85
Qy 2314 CGCCTCTCTGTCGTCGTCCTCGCCCTCCAGCACCAGCTCTCACGTTAC 2373
Db 84 TYTYCAYCYGTYTYCYTYCAYGTYCAYTYGTYTYGTYA 25
QY 2374 CTGTAAGCTACTATGCCTGCC 2393
Db 24 AYGTYAAYTYGTYC 5

RESULT 13
US-09-244-796-3/c
; Sequence 3, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Sosstak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rih
; APPLICANT: Capellades, Montserrat
; APPLICANT: DeRose, Richard
; APPLICANT: Montoliu, Luis
; APPLICANT: Ruigomenech, Pedro
; APPLICANT: Torres, Miguel
; APPLICANT: Uribe, Javier
; APPLICANT: Rigu, Juan
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 277
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Translation template
; US-09-007-005-3

Query Match 1.5%; Score 39.6; DB 4; Length 277;
Best Local Similarity 21.5%; Pred. No. 0; Mismatches 106; Indels 1; Gaps 1;
Matches 56; Conservative 97; Mismatches 106; Indels 1; Gaps 1;
QY 2135 TTCTGGATTTTACTGTATTCTATTCCTCCGGCGCCTCTAGTCATTC 2194
Db 264 TTTTTTTTTTATGCCGCGCAGCTTCTCAGATGGACCTTCTCC 2254
QY 2195 TCCTCTCGTGTGAGTCGTCGTCGTCCTCTCGATCCACTTCTCCCGATCTCC 2254
Db 204 TYCYCAYCYTYTYGTYGTYGTYTYCYGTYCYGTYCYGTYCYGTY 145
QY 2255 ACTT-TCCACGCAACTGCCTTCCCCGACTCTCTCACGATTCGTTGACCC 2313
Db 144 TYTYCAYCYGTYGTYCAYGTYCCTTYCYTYCYA 85
Qy 2314 CGCCTCTCTGTCGTCGTCGTCCTCGCCCTCCAGCACCAGCTCTCACGTTAC 2373
Db 84 TYTYCAYCYGTYTYCYTYCAYGTYCAYTYGTYTYGTYA 25
QY 2374 CTGTAAGCTACTATGCCTGCC 2393
Db 24 AYGTYAAYTYGTYC 5

RESULT 12
US-09-007-005-3/c
; Sequence 3, Application US/09007005B
; Patent No. 6285858

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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2661 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: *zea mays*
STRAIN: inbred line W-22
PUBLICATION INFORMATION:
AUTHORS: Hamilton et al.
JOURNAL: Sex Plant Reprod.
VOLUME: 2
PAGES: 208-
DATE: 1989
US-09-025-583-1

Query Match 1.5%; Score 39.4; DB 2; Length 2661;
Best Local Similarity 62.0%; Pred. No. 0.31; Mismatches 46; Indels 3; Gaps 1;
Matches 80; Conservative 0; Mismatches 46; Indels 3; Gaps 1;

Qy 1563 AAGATGACTGTTCCTTGGACCTTGACACATGCCCTTAAGTAGATTCCAAATTA 1622
Db 39 AAGGGAGGTTTCTGGACCTTGCGGTAAGCCTT--GGTCCAGATGCCAATCTA 95
Qy 1623 AGCTTGTTAGTAAACAACTAATTGGAGAGGGCTATGGAGGAGAACGTCTGCCT 1682
Db 96 AATTATTATTGACACATAATTGGCGAGGGCTACTGTTGGGACCTTGGCATC 155
Qy 1683 CGATGATTC 1691
Db 156 CGAAGCTCC 164

Search completed: February 3, 2003, 17:31:34
Job time : 112 secs